FS 2.6019: 15/15

COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 15, No. 15

WEEKLY REPORT

Week Ending April 16, 1966

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE USA

MAY 1966 LIBRARIES

CURRENT TRENDS

POST-INFECTIOUS ENCEPHALITIS

During the first quarter of 1966, 209 cases of post-infectious encephalitis of specified etiology were notified from 18 States (Table 1). For the comparable period in 1965 there were 187 reported cases of post-infectious encephalitis. Mumps was the most frequently reported cause of encephalitis in both years, accounting for more than one-half the total. In the first 13 weeks of 1966, one case of encephalitis in association with cat scratch fever occurred in Tennessee.

Measles encephalitis was reported twice as frequently during the first quarter of 1966 as during the comparable period in 1965. In some States (Illinois and Kentucky in Table 2), the increase in measles encephalitis reporting was parallel to an increase in the reporting of total measles cases. In Michigan, however, the total reported measles encephalitis cases increased even though the total measles incidence reported decreased. For the United States in the first quarter of 1965, the ratio of reported measles encephalitis to reported measles cases was 0.27

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	15th WEEK ENDED		MEDIAN 1961–1965	CUMULATIVE, FIRST 15 WEEKS		MEDIAN 1961–1965
	APRIL 16, 1966	APRIL 17, 1965		1966	1965	
Aseptic meningitis	31	22	27	420	437	361
Brucellosis	3	2	6	53	56	101
Diphtheria	—	5	8	40	67	99
Encephalitis, primary:						
Arthropod-borne & unspecified	32	31	- - -	359	448	- - -
Encephalitis, post-infectious	17	15	- - -	246	219	- - -
Hepatitis, serum	34	674	792	369	11,710	15,489
Hepatitis, infectious	599			10,422		
Measles (rubeola)	7,575	10,859	17,542	109,279	139,594	183,291
Poliomyelitis, Total (including unspecified)	1	—	2	7	6	43
Paralytic	1	—	1	6	4	38
Nonparalytic	—	—	- - -	—	2	- - -
Meningococcal infections, Total	111	103	54	1,534	1,315	898
Civilian	104	82	- - -	1,336	1,197	- - -
Military	7	21	- - -	198	118	- - -
Rubella (German measles)	1,885	- - -	- - -	20,820	- - -	- - -
Streptococcal sore throat & Scarlet fever	10,763	9,949	8,966	175,641	167,786	146,975
Tetanus	3	2	- - -	28	53	- - -
Tularemia	—	2	- - -	47	57	- - -
Typhoid fever	4	4	9	76	98	106
Typhus, tick-borne (Rky. Mt. Spotted fever)	—	—	- - -	9	6	- - -
Rabies in Animals	106	109	109	1,289	1,541	1,221

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax	2	Botulism	1
Leptospirosis	9	Trichinosis: Ohio-1, Iowa-1	33
Malaria: N.C.-1, Calif.-2, P.R.-1	84	Rabies in Man	1
Psittacosis: Wisc.-1, Texas-1	16	Rubella, Congenital Syndrome	10
Typhus, murine	6		

CURRENT TRENDS
POST-INFECTIOUS ENCEPHALITIS
(Continued from front page)

Table 1
Reported Cases of Post-Infectious and Post-Immunization Encephalitis
First Quarter Ending April 2, 1966 (Weeks 1-13)

State	Mumps	Measles	Chickenpox	Other Specified
Arkansas	4	.....	.....	Herpes Simplex-1
California	32	13	6	Influenza-1
Connecticut	1	.....	.....	.....
Florida	8	.....	1	Herpes Simplex-2
Illinois	5	17	1	Influenza-2
Iowa	1	1	.....	Influenza-1
Kentucky	2	6	.....	.....
Louisiana	2	2	1	.....
Maryland	3	.....	1	Herpes Zoster-1
Massachusetts	6	1	.....	.....
Michigan	6	6	2	.....
Minnesota	7	4	2	.....
New York, Upstate	3	1	6	.....
Pennsylvania	9	5	3	Herpes Zoster-1, Vaccinia-1
Rhode Island	3	.....	1	.....
Tennessee	3	2	.....	Cat Scratch Fever-1
Texas	9	3	2	Influenza-1
Washington	3	1	2	.....
First Quarter Total				
1966	107	62	28	
1965	114	31	33	

(States not reporting a case not listed.)

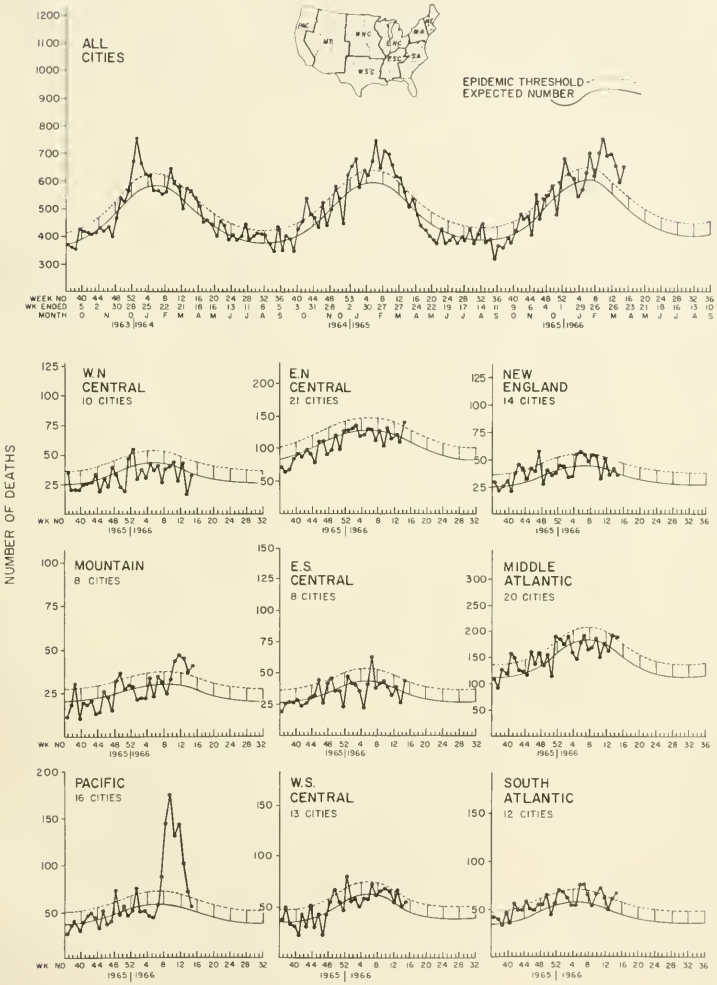
per thousand cases of measles, and in the first quarter of 1966 this ratio was 0.66 per thousand. Some additional information is available about 10 cases of post-measles encephalitis in Illinois and 5 cases in Michigan. Thirteen of the 15 patients were between the ages of 3 years and 8 years, one patient was 16 years old, and one patient who died was 21 months old. There were 11 males and 4 females. The symptoms ranged from headache and stiff neck to coma, convulsions, and signs of corticospinal tract involvement.

(Reported by the CNS Disease Unit, Epidemiology Branch, CDC.)

Table 2
Reported Measles Encephalitis in Four States
First 13 Weeks, 1965 and 1966

State	1965			1966		
	Measles Encephalitis Cases	Measles Cases	Rate/1000 Measles Cases	Measles Encephalitis Cases	Measles Cases	Rate/1000 Measles Cases
California	12	5,115	2.3	13	5,257	2.5
Illinois	1	651	1.5	17	7,650	2.2
Kentucky	0	778	0.0	6	3,391	1.8
Michigan	2	11,187	0.2	6	5,854	1.0

Figure 1
PNEUMONIA-INFLUENZA DEATHS IN 122 UNITED STATES CITIES



Excess mortality due to influenza and pneumonia as measured in 122 U.S. cities has risen slightly over that of the previous week, remaining above the epidemic threshold for the seventh consecutive week. This slight rise in excess mortality for the 122 cities is no longer predominantly related to the excess mortality recorded during the A2 influenza epidemics which have occurred in the Pacific Region. The rise is being maintained by the mortality continuing to occur in the Mountain Region and to that shown in the Middle and South Atlantic Regions for the second consecutive week. To date only influenza type B virus has been reported from these latter two geographic regions.

(Reported by the Influenza-Respiratory Disease Unit, Epidemiology Branch, CDC.)

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
APRIL 16, 1966 AND APRIL 17, 1965 (15th WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	ENCEPHALITIS			DIPHTHERIA		HEPATITIS		
				Primary including unsp. cases		Post-Infectious			Serum	Infectious	Both Types
	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965
UNITED STATES...	31	22	3	32	31	17	-	5	34	599	674
NEW ENGLAND.....	2	-	-	1	2	-	-	-	2	18	45
Maine.....	---	-	---	---	-	---	---	-	---	---	12
New Hampshire.....	-	-	-	-	-	-	-	-	-	1	4
Vermont.....	-	-	-	-	-	-	-	-	-	-	1
Massachusetts.....	-	-	-	-	2	-	-	-	-	12	16
Rhode Island.....	2	-	-	1	-	-	-	-	1	1	7
Connecticut.....	-	-	-	-	-	-	-	-	1	4	5
MIDDLE ATLANTIC.....	4	4	-	2	17	-	-	-	12	91	90
New York City.....	1	1	-	-	10	-	-	-	11	12	17
New York, Up-State.	-	1	-	1	-	-	-	-	-	24	18
New Jersey.....	1	-	-	-	2	-	-	-	1	15	32
Pennsylvania.....	2	2	-	1	5	-	-	-	-	40	23
EAST NORTH CENTRAL...	4	2	-	8	2	2	-	-	1	147	129
Ohio.....	1	-	-	3	1	-	-	-	-	44	22
Indiana.....	-	-	-	4	-	-	-	-	-	10	4
Illinois.....	-	1	-	1	1	1	-	-	1	16	32
Michigan.....	3	1	-	-	-	1	-	-	-	73	61
Wisconsin.....	-	-	-	-	-	-	-	-	-	4	10
WEST NORTH CENTRAL...	1	-	-	-	1	-	-	3	-	16	51
Minnesota.....	1	-	-	-	-	-	-	3	-	2	2
Iowa.....	-	-	-	-	1	-	-	-	-	5	17
Missouri.....	-	-	-	-	-	-	-	-	-	6	14
North Dakota.....	-	-	-	-	-	-	-	-	-	2	1
South Dakota.....	-	-	-	-	-	-	-	-	-	-	1
Nebraska.....	-	-	-	-	-	-	-	-	-	1	4
Kansas.....	-	-	-	-	-	-	-	-	-	-	12
SOUTH ATLANTIC.....	1	1	2	13	1	3	-	-	-	71	74
Delaware.....	-	-	-	-	-	-	-	-	-	1	1
Maryland.....	-	-	-	4	-	1	-	-	-	21	7
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	1
Virginia.....	-	-	1	2	1	-	-	-	-	16	37
West Virginia.....	-	-	-	-	-	-	-	-	-	2	4
North Carolina.....	-	1	-	5	-	-	-	-	-	4	8
South Carolina.....	-	-	-	-	-	-	-	-	-	-	3
Georgia.....	-	-	1	-	-	-	-	-	-	15	3
Florida.....	1	-	-	2	-	2	-	-	-	12	10
EAST SOUTH CENTRAL...	9	2	-	3	-	-	-	2	-	50	46
Kentucky.....	2	2	-	-	-	-	-	-	-	18	10
Tennessee.....	2	-	-	1	-	-	-	-	-	23	7
Alabama.....	2	-	-	-	-	-	-	2	-	7	12
Mississippi.....	3	-	-	2	-	-	-	-	-	2	17
WEST SOUTH CENTRAL...	3	3	1	1	-	2	-	-	4	56	47
Arkansas.....	-	-	-	-	-	2	-	-	1	10	1
Louisiana.....	-	-	1	-	-	-	-	-	-	8	5
Oklahoma.....	-	-	-	-	-	-	-	-	-	1	-
Texas.....	3	3	-	1	-	-	-	-	3	37	41
MOUNTAIN.....	2	4	-	1	2	-	-	-	-	38	54
Montana.....	-	-	-	-	-	-	-	-	-	2	3
Idaho.....	-	-	-	-	-	-	-	-	-	3	4
Wyoming.....	-	-	-	-	-	-	-	-	-	1	-
Colorado.....	-	1	-	1	1	-	-	-	-	21	17
New Mexico.....	1	-	-	-	-	-	-	-	-	5	8
Arizona.....	1	3	-	-	-	-	-	-	-	5	12
Utah.....	-	-	-	-	1	-	-	-	-	1	10
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	5	6	-	3	6	10	-	-	15	112	138
Washington.....	-	-	-	-	-	-	-	-	-	13	5
Oregon.....	-	-	-	-	-	-	-	-	-	10	12
California.....	4	6	-	3	6	10	-	-	15	86	113
Alaska.....	-	-	-	-	-	-	-	-	-	1	8
Hawaii.....	1	-	-	-	-	-	-	-	-	2	-
Puerto Rico.....	1	-	-	-	-	-	-	-	-	21	42

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

APRIL 16, 1966 AND APRIL 17, 1965 (15th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS				RUBELLA
							Total		Paralytic		
	1966	Cumulative		1966	Cumulative		1966	1965	1966	Cumulative	1966
		1966	1965		1966	1965				1966	
UNITED STATES...	7,575	109,279	139,594	111	1,534	1,315	1	-	1	6	1,885
NEW ENGLAND.....	73	1,318	27,199	1	72	66	-	-	-	-	211
Maine.....	---	146	2,010	---	7	8	---	-	---	-	---
New Hampshire.....	-	20	335	-	7	4	-	-	-	-	4
Vermont.....	4	202	426	-	3	1	-	-	-	-	3
Massachusetts.....	35	507	15,165	-	29	23	-	-	-	-	81
Rhode Island.....	1	57	2,990	-	5	11	-	-	-	-	21
Connecticut.....	33	386	6,273	1	21	19	-	-	-	-	102
MIDDLE ATLANTIC.....	653	13,135	5,554	18	167	173	-	-	-	-	136
New York City.....	332	6,720	557	1	24	26	-	-	-	-	26
New York, Up-State.	72	1,355	1,826	11	47	40	-	-	-	-	96
New Jersey.....	45	1,396	966	1	47	60	-	-	-	-	-
Pennsylvania.....	204	3,664	2,205	5	49	47	-	-	-	-	14
EAST NORTH CENTRAL...	2,450	41,537	26,268	15	224	159	-	-	-	-	708
Ohio.....	291	3,266	5,597	4	62	47	-	-	-	-	147
Indiana.....	114	2,494	1,041	6	36	22	-	-	-	-	155
Illinois.....	496	8,571	1,046	2	42	39	-	-	-	-	96
Michigan.....	534	6,897	13,828	2	62	28	-	-	-	-	146
Wisconsin.....	1,015	20,309	4,746	1	22	23	-	-	-	-	164
WEST NORTH CENTRAL...	371	5,115	10,851	6	80	68	1	-	1	1	81
Minnesota.....	5	1,238	354	2	21	14	1	-	1	1	-
Iowa.....	342	2,782	6,002	-	12	2	-	-	-	-	73
Missouri.....	1	315	1,599	4	33	35	-	-	-	-	1
North Dakota.....	23	735	2,559	-	3	3	-	-	-	-	7
South Dakota.....	-	3	58	-	2	2	-	-	-	-	-
Nebraska.....	-	42	279	-	3	5	-	-	-	-	-
Kansas.....	NN	NN	NN	-	6	7	-	-	-	-	-
SOUTH ATLANTIC.....	610	8,454	16,337	11	244	264	-	-	-	1	125
Delaware.....	13	117	345	-	3	3	-	-	-	-	-
Maryland.....	58	1,309	584	-	23	26	-	-	-	-	12
Dist. of Columbia..	7	302	22	-	6	4	-	-	-	-	-
Virginia.....	95	846	2,562	2	33	29	-	-	-	-	21
West Virginia.....	187	3,293	9,882	-	8	18	-	-	-	-	16
North Carolina.....	7	145	194	2	48	42	-	-	-	-	-
South Carolina.....	15	399	629	1	34	41	-	-	-	-	11
Georgia.....	10	177	461	2	41	35	-	-	-	1	-
Florida.....	218	1,866	1,658	4	48	66	-	-	-	-	65
EAST SOUTH CENTRAL...	769	12,034	8,121	13	129	93	-	-	-	-	137
Kentucky.....	132	3,690	976	4	57	41	-	-	-	-	21
Tennessee.....	505	6,955	4,867	5	40	26	-	-	-	-	109
Alabama.....	12	778	1,583	2	23	20	-	-	-	-	7
Mississippi.....	120	611	695	2	9	6	-	-	-	-	-
WEST SOUTH CENTRAL...	1,330	12,541	19,547	11	232	216	-	-	-	3	12
Arkansas.....	-	375	827	-	12	12	-	-	-	-	-
Louisiana.....	5	64	47	2	90	121	-	-	-	-	-
Oklahoma.....	37	268	120	-	9	16	-	-	-	1	-
Texas.....	1,288	11,834	18,553	9	121	67	-	-	-	2	12
MOUNTAIN.....	472	5,913	11,024	14	56	48	-	-	-	-	178
Montana.....	49	867	2,705	-	3	1	-	-	-	-	6
Idaho.....	27	614	1,657	-	1	7	-	-	-	-	2
Wyoming.....	-	82	566	-	1	2	-	-	-	-	-
Colorado.....	41	641	2,308	10	32	10	-	-	-	-	40
New Mexico.....	30	332	358	3	9	7	-	-	-	-	-
Arizona.....	307	3,174	443	1	8	14	-	-	-	-	130
Utah.....	18	179	2,901	-	-	5	-	-	-	-	-
Nevada.....	-	24	86	-	2	2	-	-	-	-	-
PACIFIC.....	847	9,232	14,693	22	330	228	-	-	-	1	297
Washington.....	81	1,791	4,350	2	19	16	-	-	-	1	140
Oregon.....	60	721	2,108	2	15	18	-	-	-	-	31
California.....	703	6,614	6,518	18	280	187	-	-	-	-	119
Alaska.....	1	51	102	-	13	4	-	-	-	-	4
Hawaii.....	2	55	1,615	-	3	3	-	-	-	-	3
Puerto Rico.....	128	1,396	986	-	2	3	-	-	-	-	1

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
APRIL 16, 1966 AND APRIL 17, 1965 (15th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966
UNITED STATES...	10,763	3	28	-	47	4	76	-	9	106	1,289
NEW ENGLAND.....	1,630	-	2	-	1	-	3	-	-	1	13
Maine.....	---	---	-	---	-	---	-	---	-	---	-
New Hampshire.....	40	-	-	-	-	-	-	-	-	1	6
Vermont.....	40	-	-	-	-	-	-	-	-	-	7
Massachusetts.....	385	-	2	-	1	-	-	-	-	-	-
Rhode Island.....	56	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1,109	-	-	-	-	-	3	-	-	-	-
MIDDLE ATLANTIC.....	597	1	5	-	-	-	17	-	1	7	93
New York City.....	28	-	3	-	-	-	8	-	-	-	-
New York, Up-State.	486	-	-	-	-	-	3	-	-	7	88
New Jersey.....	NN	-	-	-	-	-	3	-	-	-	-
Pennsylvania.....	83	1	2	-	-	-	3	-	1	-	5
EAST NORTH CENTRAL...	1,505	2	2	-	12	1	13	-	-	21	185
Ohio.....	197	-	-	-	3	-	6	-	-	9	104
Indiana.....	131	1	1	-	3	-	2	-	-	9	38
Illinois.....	288	-	-	-	5	-	1	-	-	-	13
Michigan.....	500	1	1	-	-	1	2	-	-	3	15
Wisconsin.....	389	-	-	-	1	-	2	-	-	-	15
WEST NORTH CENTRAL...	349	-	1	-	3	1	8	-	1	15	280
Minnesota.....	11	-	-	-	-	-	-	-	-	3	51
Iowa.....	180	-	-	-	-	1	3	-	-	2	68
Missouri.....	-	-	1	-	1	-	4	-	-	4	106
North Dakota.....	84	-	-	-	-	-	-	-	-	1	5
South Dakota.....	16	-	-	-	-	-	-	-	-	2	28
Nebraska.....	2	-	-	-	-	-	-	-	-	1	7
Kansas.....	56	-	-	-	2	-	1	-	1	2	15
SOUTH ATLANTIC.....	1,143	-	8	-	6	1	15	-	6	12	167
Delaware.....	117	-	-	-	-	-	-	-	-	-	-
Maryland.....	94	-	-	-	-	1	5	-	-	-	-
Dist. of Columbia..	7	-	-	-	-	-	-	-	-	-	-
Virginia.....	407	-	-	-	2	-	6	-	2	11	116
West Virginia.....	327	-	-	-	1	-	1	-	-	-	18
North Carolina.....	15	-	-	-	2	-	2	-	3	-	-
South Carolina.....	22	-	1	-	1	-	-	-	-	-	-
Georgia.....	5	-	3	-	-	-	-	-	1	1	20
Florida.....	149	-	4	-	-	-	1	-	-	-	13
EAST SOUTH CENTRAL...	1,740	-	1	-	12	1	7	-	-	14	185
Kentucky.....	230	-	-	-	2	-	1	-	-	1	26
Tennessee.....	1,374	-	-	-	6	-	4	-	-	13	155
Alabama.....	-	-	1	-	4	1	2	-	-	-	4
Mississippi.....	136	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL...	1,209	-	6	-	11	-	3	-	1	29	279
Arkansas.....	2	-	-	-	9	-	-	-	1	2	38
Louisiana.....	1	-	3	-	1	-	1	-	-	-	16
Oklahoma.....	66	-	-	-	-	-	1	-	-	18	68
Texas.....	1,140	-	3	-	1	-	1	-	-	9	157
MOUNTAIN.....	1,502	-	-	-	1	-	6	-	-	3	18
Montana.....	48	-	-	-	-	-	-	-	-	-	2
Idaho.....	71	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	929	-	-	-	-	-	2	-	-	-	1
New Mexico.....	220	-	-	-	-	-	-	-	-	2	5
Arizona.....	104	-	-	-	-	-	1	-	-	1	10
Utah.....	130	-	-	-	1	-	3	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	1,088	-	3	-	1	-	4	-	-	4	69
Washington.....	429	-	-	-	-	-	-	-	-	-	-
Oregon.....	45	-	-	-	-	-	1	-	-	-	-
California.....	513	-	3	-	1	-	3	-	-	4	69
Alaska.....	31	-	-	-	-	-	-	-	-	-	-
Hawaii.....	70	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	6	1	11	-	-	-	3	-	-	1	3

Week No. 15

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED APRIL 16, 1966

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
NEW ENGLAND:	700	426	36	37
Boston, Mass.	228	126	6	11
Bridgeport, Conn.	34	22	5	2
Cambridge, Mass.	26	18	-	1
Fall River, Mass.	22	11	3	-
Hartford, Conn.	66	35	3	6
Lowell, Mass.	18	12	4	-
Lynn, Mass.	27	18	3	1
New Bedford, Mass.	33	23	1	1
New Haven, Conn.	52	33	-	5
Providence, R. I.	54	31	2	4
Somerville, Mass.	12	8	1	-
Springfield, Mass.	40	29	5	1
Waterbury, Conn.	34	19	-	2
Worcester, Mass.	54	41	3	3
MIDDLE ATLANTIC:	3,666	2,241	191	137
Albany, N. Y.	65	38	-	2
Allentown, Pa.	45	30	1	-
Buffalo, N. Y.	175	99	7	5
Camden, N. J.	42	25	-	4
Elizabeth, N. J.	44	23	4	1
Erie, Pa.	55	37	3	-
Jersey City, N. J.	90	63	11	4
Newark, N. J.	123	57	6	9
New York City, N. Y.	1,850	1,140	96	69
Paterson, N. J.	49	32	5	3
Philadelphia, Pa.	520	316	15	21
Pittsburgh, Pa.	205	115	3	5
Reading, Pa.	55	44	7	2
Rochester, N. Y.	102	75	11	2
Schenectady, N. Y.	22	10	-	-
Scranton, Pa.	40	20	11	3
Syracuse, N. Y.	60	35	1	2
Trenton, N. J.	55	31	2	3
Utica, N. Y.	26	21	5	-
Yonkers, N. Y.	43	30	3	2
EAST NORTH CENTRAL:	3,052	1,728	139	179
Akron, Ohio	77	42	1	4
Canton, Ohio	29	15	4	4
Chicago, Ill.	988	540	40	55
Cincinnati, Ohio	187	99	2	14
Cleveland, Ohio	249	139	3	14
Columbus, Ohio	135	89	4	4
Dayton, Ohio	109	67	17	3
Detroit, Mich.	395	203	28	32
Evansville, Ind.	48	33	2	2
Flint, Mich.	56	26	3	4
Fort Wayne, Ind.	54	33	3	2
Gary, Ind.	50	23	4	2
Grand Rapids, Mich.	35	22	4	1
Indianapolis, Ind.	167	107	7	5
Madison, Wis.	28	17	-	-
Milwaukee, Wis.	155	93	7	11
Peoria, Ill.	26	15	-	2
Rockford, Ill.	33	20	3	2
South Bend, Ind.	56	32	-	9
Toledo, Ohio	105	59	5	5
Youngstown, Ohio	70	54	2	4
WEST NORTH CENTRAL:	893	561	33	34
Des Moines, Iowa	58	45	5	1
Duluth, Minn.	29	20	-	2
Kansas City, Kans.	57	29	1	2
Kansas City, Mo.	128	71	8	9
Lincoln, Nebr.	25	18	1	-
Minneapolis, Minn.	169	100	7	7
Omaha, Nebr.	75	43	1	3
St. Louis, Mo.	222	144	6	5
St. Paul, Minn.	91	64	1	4
Wichita, Kans.	39	27	3	1

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
SOUTH ATLANTIC:	1,174	611	66	60
Atlanta, Ga.	140	66	10	12
Baltimore, Md.	276	144	16	17
Charlotte, N. C.	34	13	1	3
Jacksonville, Fla.	56	22	1	6
Miami, Fla.	95	51	-	-
Norfolk, Va.	55	30	7	4
Richmond, Va.	78	36	2	5
Savannah, Ga.	34	18	3	-
St. Petersburg, Fla.	99	75	5	2
Tampa, Fla.	84	51	8	3
Washington, D. C.	186	85	12	8
Wilmington, Del.	37	20	1	-
EAST SOUTH CENTRAL:	628	329	45	40
Birmingham, Ala.	84	35	3	10
Chattanooga, Tenn.	45	26	1	1
Knoxville, Tenn.	44	23	3	3
Louisville, Ky.	125	62	14	9
Memphis, Tenn.	129	71	5	9
Mobile, Ala.	57	26	1	6
Montgomery, Ala.	40	26	3	1
Nashville, Tenn.	104	60	15	1
WEST SOUTH CENTRAL:	1,244	633	56	74
Austin, Tex.	37	23	8	2
Baton Rouge, La.	39	15	-	2
Corpus Christi, Tex.	41	20	1	6
Dallas, Tex.	166	89	8	11
El Paso, Tex.	28	13	4	1
Fort Worth, Tex.	101	49	3	2
Houston, Tex.	245	114	7	10
Little Rock, Ark.	45	25	3	2
New Orleans, La.	244	118	8	20
Oklahoma City, Okla.	80	42	2	3
San Antonio, Tex.	124	66	5	8
Shreveport, La.	50	32	6	2
Tulsa, Okla.	44	27	1	5
MOUNTAIN:	474	308	41	23
Albuquerque, N. Mex.	46	30	9	5
Colorado Springs, Colo.	21	14	3	1
Denver, Colo.	143	101	13	8
Ogden, Utah	21	13	3	2
Phoenix, Ariz.	99	52	4	4
Pueblo, Colo.	30	20	4	2
Salt Lake City, Utah	56	40	1	1
Tucson, Ariz.	58	38	4	-
PACIFIC:	1,599	1,005	54	64
Berkeley, Calif.	12	9	-	-
Fresno, Calif.	26	13	-	1
Glendale, Calif.	33	27	1	-
Honolulu, Hawaii	59	26	4	3
Long Beach, Calif.	86	56	2	3
Los Angeles, Calif.	490	305	18	19
Oakland, Calif.	72	52	-	2
Pasadena, Calif.	37	27	-	1
Portland, Oreg.	132	87	5	7
Sacramento, Calif.	65	36	2	4
San Diego, Calif.	111	64	2	7
San Francisco, Calif.	184	103	3	5
San Jose, Calif.	33	20	5	2
Seattle, Wash.	122	80	4	6
Spokane, Wash.	71	56	5	1
Tacoma, Wash.	66	44	3	3
Total	13,430	7,842	661	648

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	199,777
All Causes, Age 65 and over	116,327
Pneumonia and Influenza, All Ages	9,908
All Causes, Under 1 Year of Age	10,141

*Estimate - based on average percent of divisional total.

INVESTIGATIONAL VACCINES PROGRAM

The following has been communicated by the Laboratory Branch of the Communicable Disease Center:

A program has been established at the CDC to provide vaccines that are needed for human immunization but are not available from commercial sources. The objective of the program is to provide qualified medical investigators with a source of vaccines which have been proven effective and safe, but their applications are too limited to sustain commercial production and distribution. These steps are being taken on the recommendation of The Public Health Service Advisory Committee on Immunization Practice.

The first product that will be available in this program is the pentavalent (ABCDE) botulinum toxoid, aluminum phosphate adsorbed, that was developed by Dr. George G. Wright and associates at the U.S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland.

The toxoid will be distributed as an Investigational New Drug. Inquiries and requests for this item should be addressed to:

Investigational Vaccines Program
Laboratory Branch
Communicable Disease Center
Atlanta, Georgia 30333

Suggestions will be considered regarding additional prophylactic agents that meet the program objective stated above and which might be considered for provision by the Communicable Disease Center in the future.

ERRATUM, Vol. 15, No. 14, p. 117:

The issue of the MMWR for the week ending April 9, 1966, is incorrectly numbered. On the front page in the upper right corner the text should read Vol. 15, No. 14, instead of Vol. 15, No. 10.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 15,600, IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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